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SMA Series



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LAMBDOID WIRELESS COMMUNICATIONS

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RF Connectors- SMA

SMA Jack Straight Panel Mount 4 Hole



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Technical Specification		Photograph / Drawing
Model Number	LWC-CON-SMA-JACK-PANEL-04 (V1.0)	
Frequency (MHz)	0 – 3.0 GHz	
Working Voltage (V)	1000 V	
Insulation Resistance	≥ 5000 M Ohm	
Mechanical Specification		
Body, Metal Parts	Brass with Gold Plated	
Centre Contact	Phosphor Bronze with Gold Plated	
Insulators	PTFE	
Environmental Specification		Salient Features and Applications
Operational Temperature	-55° to 165° C	<ul style="list-style-type: none">- MIL grade available on request- High quality material used- Interconnects
Humidity	5 – 95%	
RoHS Complaint	Yes	

RF Connectors- SMA

SMA (F) Straight Panel Mount 2 Hole



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WIRELESS

Technical Specification		Photograph / Drawing
Model Number	LWC-CON-SMA-JACK-PANEL-02 (V1.0)	Two gold-plated SMA (F) Straight Panel Mount 2 Hole connectors are shown. One is positioned above the other, both angled to show their side profiles. They feature a central contact pin and two mounting holes on a brass body.
Frequency (MHz)	0 – 6.0 GHz	
Working Voltage (V)	1000 V	
Insulation Resistance	≥ 5000 M Ohm	
Mechanical Specification		
Body, Metal Parts	Brass with Gold Plated	
Centre Contact	Phosphor Bronze with Gold Plated	
Insulators	PTFE	
Environmental Specification		Salient Features and Applications
Operational Temperature	-55 ^o to 165 ^o C	<ul style="list-style-type: none">- MIL grade available on request.- High quality material used.- Interconnects.
Humidity	5 – 95%	
RoHS Complaint	Yes	

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RF Connectors- SMA

SMA Jack Straight Panel Mount 2 Hole



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Technical Specification		Photograph / Drawing
Model Number	LWC-CON-SMA-JACK-PANEL-02 (V2.0)	A photograph of a gold-colored SMA connector with a white PTFE insulator and two mounting holes on a brass body.
Frequency (MHz)	0 – 6.0 GHz	
Working Voltage (V)	1000 V	
Insulation Resistance	≥ 5000 M Ohm	
Mechanical Specification		
Body, Metal Parts	Brass with Gold Plated	
Centre Contact	Phosphor Bronze with Gold Plated	
Insulators	PTFE- 25mm	
Environmental Specification		Salient Features and Applications
Operational Temperature	-55° to 165° C	<ul style="list-style-type: none">- Extended Teflon- 25mm- MIL grade available on request.- High quality material used.- Interconnects.
Humidity	5 – 95%	
RoHS Complaint	Yes	

RF Connectors- SMA

SMA Jack Right Angle PCB Mount



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WIRELESS

Technical Specification		Photograph / Drawing
Model Number	LWC-CON-SMA-JACK-RA-PCB-10	
Frequency (MHz)	0 – 6.0 GHz	
Working Voltage (V)	1000 V	
Insulation Resistance	≥ 5000 M Ohm	
Mechanical Specification		
Body, Metal Parts	Brass with Gold Plated	
Centre Contact	Phosphor Bronze with Gold Plated	
Insulators	PTFE	
Environmental Specification		Salient Features and Applications
Operational Temperature	-55 ^o to 165 ^o C	<ul style="list-style-type: none"> - MIL grade available on request. - High quality material used. - Interconnects.
Humidity	5 – 95%	
RoHS Complaint	Yes	

RF Connectors- SMA

SMA Jack Straight PCB Mount



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WIRELESS

Technical Specification		Photograph / Drawing
Model Number	LWC-CON-SMA-JACK-ST-PCB-10 (V1.0)	
Frequency (MHz)	0 – 6.0 GHz	
Working Voltage (V)	1000 V	
Insulation Resistance	≥ 5000 M Ohm	
Mechanical Specification		
Body, Metal Parts	Brass with Gold Plated	
Centre Contact	Phosphor Bronze with Gold Plated	
Insulators	PTFE	
Environmental Specification		Salient Features and Applications
Operational Temperature	-55° to 65° C	<ul style="list-style-type: none"> - MIL grade available on request. - High quality material used. - Interconnects.
Humidity	5 – 95%	
RoHS Complaint	Yes	

RF Connectors- SMA

SMA Jack Straight PCB Mount



LAMBDOID
WIRELESS

Technical Specification		Photograph / Drawing	
Model Number	LWC-CON-SMA-JACK-ST-PCB-10 (V2.0)		
Frequency (MHz)	0 – 6.0 GHz		
Working Voltage (V)	1000 V		
Insulation Resistance	≥ 5000 M Ohm		
Mechanical Specification			
Body, Metal Parts	Brass with Gold Plated		
Centre Contact	Phosphor Bronze with Gold Plated		
Insulators	PTFE		
Environmental Specification		Salient Features and Applications	
Operational Temperature	-55° to 165° C	<ul style="list-style-type: none"> - MIL grade available on request. - High quality material used. - Interconnects. 	
Humidity	5 – 95%		
RoHS Complaint	Yes		

RF Connectors- SMA



SMA Jack Bulkhead Right Angle PCB Mount

LAMBDOID
WIRELESS

Technical Specification		Photograph / Drawing
Model Number	LWC-CON-SMA-JACK-RA-PCB-14	
Frequency (MHz)	0 – 6.0 GHz	
Working Voltage (V)	1000 V	
Insulation Resistance	≥ 5000 M Ohm	
Mechanical Specification		
Body, Metal Parts	Brass with Gold Plated	
Centre Contact	Phosphor Bronze with Gold Plated	
Insulators	PTFE	
Environmental Specification		Salient Features and Applications
Operational Temperature	-55° to 165°C	<ul style="list-style-type: none"> - 15mm Long Thread - MIL grade available on request - High quality material used - Interconnects
Humidity	5 – 95%	
RoHS Compliant	Yes	

RF Connectors- SMA

SMA Jack Straight PCB Mount



LAMBDOID
WIRELESS

Technical Specification		Photograph / Drawing
Model Number	LWC-CON-SMA-JACK-ST-PCB-14	A photograph showing the main SMA connector body and three separate components: a gold-plated nut, a gold-plated washer, and a black PTFE insulator ring.
Frequency (MHz)	0 – 6.0 GHz	
Working Voltage (V)	1000 V	
Insulation Resistance	≥ 5000 M Ohm	
Mechanical Specification		
Body, Metal Parts	Brass with Gold Plated	
Centre Contact	Phosphor Bronze with Gold Plated	
Insulators	PTFE	
Environmental Specification		Salient Features and Applications
Operational Temperature	-55° to 165° C	<ul style="list-style-type: none">- Long Thread 15mm.- MIL grade available on request.- High quality material used.- Interconnects.
Humidity	5 – 95%	
RoHS Complaint	Yes	